

Outline for OU2 RI

From a standpoint of geology/hydrogeology/chemistry and geochemistry, primary concerns for the CAG at OU2 with respect to the Remedial Investigation can include:

Wastes related to smelter operations at OU2

Historical (pre-purchase by CCoD) generation, storage, and off-site disposal and/or use on and offsite

Types of wastes; slag, dusts, spent ores, raw ores, off-spec ores, fuels

Volume/tonnage of wastes; for each waste, time lines of generation, storage, and use/disposal

Composition and characteristics of wastes, by waste stream and with time

Waste management practices in place and implemented on-site

Transport/dispersal mechanisms of contaminants from on- to off-site (gas/liquid/solid)

Exposure population(s) impacted by off-site transport/dispersal mechanisms

Contemporary (purchase by CCoD to present) generation, storage, and off-site disposal and/or use on and offsite

Waste(s) on-site at time of purchase

On-site modifications to waste(s) by CCoD

Volume/tonnage of each waste on-site at time of purchase

Volume/tonnage of each waste used by CCoD, nature of that use, and time line

Volume/tonnage of each waste sold by CCoD, to whom, nature of use, and time line

Volume/tonnage of each waste disposed by CCoD; where, by whom, and time line

Composition and characteristics of wastes, by waste stream and with time line

Waste management practices in place and implemented on-site, with time line

Transport/dispersal mechanisms of contaminants from on- to off-site (gas/liquid/solid)

Exposure population(s) impacted by off-site transport/dispersal mechanisms

Municipal landfill wastes at OU2

Time line of municipal waste disposal operations

Sources and source controls of wastes disposed at OU2

Waste management/containment practices in place and implemented on-site, with time line

Time line of municipal waste and waste product removal from landfill and disposition of removed waste (e.g., evaporation, decomposition, combustion, wind dispersal, leaching, and physical transport)

Composition and characteristics of disposed wastes, by waste stream and with time line

Composition and characteristics of secondary/daughter wastes, by waste stream and with time line

Transport/dispersal mechanisms of contaminants from on- to off-site (gas/liquid/solid)

Exposure population(s) impacted by off-site transport/dispersal mechanisms